



# ProBlue® Adhesive Melters

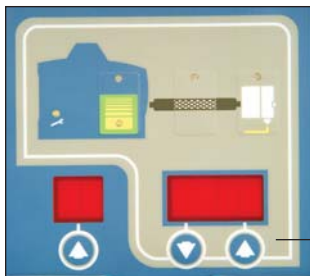
## 30 and 50 liter melters

Nordson ProBlue melters are simple, compact and designed to maximize uptime and reduce operating costs. These rugged, flexible, non-handed melters fit virtually any packaging line.

ProBlue melters:

- Simplify daily operations
- Cost less to maintain
- Install quickly and easily

Two stage melt zones help reduce char build-up in the tank and provide stable manifold outlet temperatures

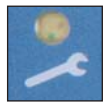


Easy-to-use controls



Status-at-a-glance indicators highlight: ready, fault, service and temperature status for tank, hose and gun

Service indicators simplify maintenance scheduling



Filter Replacement Indicator



Low-level Adhesive Indicator



Disposable filter eliminates routine filter flushing

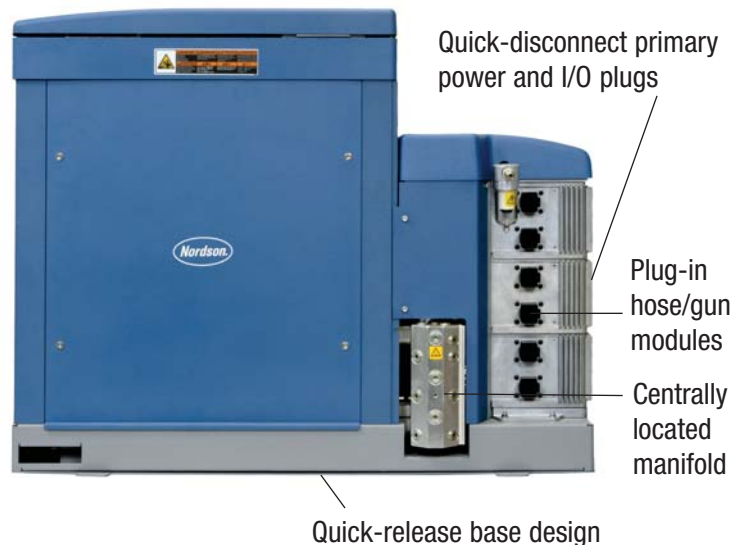


Automatic pressure discharge (APD) valve safely relieves pressure into the tank in seconds

# ProBlue® 30 and 50 Adhesive Melters

## Specifications

|   |   |
|---|---|
| <b>Type of System</b>                     | Non-circulating tank<br>(SP-style piston pump)                            |
| <b>Maximum Pump Rate</b>                  | Ratio: 16:1   |
| <b>High Output Dual-Acting</b>            | Maximum Output: 60 kg/hr (130 lb/hr)                                      |
| <b>Hose Ports</b>                         | 9   |
| <b>Filter Type</b>                        | Saturn® basket-style filter   |
| <b>Maximum Working Hydraulic Pressure</b> | 10 MPa (1450 psi)   |
| <b>Temperature Range</b>                  | 40 to 230°C (100 to 450°F)  |
| <b>Ambient Temp. Range</b>                | 0 to 50°C (32 to 122°F)   |
| <b>Temp. Control Stability</b>            | ±0.5°C (1°F)  |
| <b>Electrical Service Standard</b>        | 200 to 240 VAC 3 phase 50/60 Hz<br>400/230 VAC (3 phase N/PE) 50/60 Hz    |
| <b>w/Optional 1 phase*</b>                | 200 to 240 VAC 1 phase 50/60 Hz<br>200 to 240 VAC (1 phase N/PE) 50/60 Hz |



|   |   |
|---|---|
| <b>Maximum System Power Capacity at 240 VAC</b> |   |
| <b>2 hoses/guns</b>                             | 6000 watts  |
| <b>4 hoses/guns</b>                             | 8000 watts  |
| <b>6 hoses/guns</b>                             | 10,000 watts  |
| <b>Input/Output Capability Standard</b>         | 3 standard outputs - programmable for function<br>4 standard inputs - programmable for function |

**Mount Dimensions** 669 x 249 mm (26.3 x 9.8 in)

|                              |   |  |
|------------------------------|---|--|
| <b>Holding Capacity</b>      | <b>ProBlue 30</b><br>30 L (1,831 in <sup>3</sup> )<br>29 kg (64 lb) | <b>ProBlue 50</b><br>50 L (3,051 in <sup>3</sup> )<br>48.5 kg (107 lb) |
| <b>Melt Rate (per hour)</b>  | 27 kg (60 lb)   | 28.6 kg (63 lb)  |
| <b>Throughput (per hour)</b> | 27 kg (60 lb)   | 28.6 kg (63 lb)  |
| <b>Weight (empty)</b>        | 81.6 kg (180 lb)  | 87 kg (192 lb)   |

|                          |                  |                  |
|--------------------------|------------------|------------------|
| <b>Dimensions – Unit</b> |                  |                  |
| <b>Width</b>             | 952 mm (37.5 in) | 952 mm (37.5 in) |
| <b>Height</b>            | 548 mm (21.6 in) | 751 mm (29.6 in) |
| <b>Depth</b>             | 345 mm (13.6 in) | 345 mm (13.6 in) |

|                                  |                   |                   |
|----------------------------------|-------------------|-------------------|
| <b>Dimensions – Installation</b> |                   |                   |
| <b>Width</b>                     | 1044 mm (41.1 in) | 1044 mm (41.1 in) |
| <b>Height</b>                    | 859 mm (33.8 in)  | 1062 mm (41.8 in) |
| <b>Depth</b>                     | 392 mm (15.4 in)  | 392 mm (15.4 in)  |

\*Single phase: Maximum 4 hose/gun capacity



For more information, talk with your Nordson representative or contact your Nordson regional office.

|   |   |  |  |   |
|---|---|--|--|---|
| <b>United States</b><br>Duluth, Georgia<br>Telephone: (800) 683-2314<br>Facsimile: (866) 667-3329 | <b>Canada</b><br>Markham, Ontario<br>Telephone: (800) 463-3200<br>Facsimile: (905) 475-8821 | <b>Europe</b><br>Lüneburg, Germany<br>Telephone: (49) 4131-894-0<br>Facsimile: (49) 4131-894-149 | <b>Japan</b><br>Tokyo, Japan<br>Telephone: (81) 3-5762-2700<br>Facsimile: (81) 3-5762-2701 | <b>Asia/Australia/<br/>Latin America</b><br>Amherst, Ohio<br>Telephone: (440) 985-4797<br>Facsimile: (440) 985-1096 |
|---|---|--|--|---|

[www.nordson.com](http://www.nordson.com)



When you expect more.®